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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/501,874	02/10/2000	Stephen Lange Ranzini	3892-4000	4487

7590 05/27/2004  
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345 Park Avenue  
New York, NY 10154

EXAMINER

ELISCA, PIERRE E

ART UNIT PAPER NUMBER

3621

DATE MAILED: 05/27/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

09/501,874

Applicant(s)

RANZINI ET AL.

Examiner

Pierre E. Elisca

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 10 May 2004.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-187 and 189-193 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-187, 193 and 198 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

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**DETAILED ACTION**

1. This Office action is in response to Applicant's amendment/RCE, filed on 5/10/2004.

2. Claims 1-187, and 189-193 are pending.

***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless —

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1-15, 19-27, 55-61, 73-81, 100-112, 121, 122, 126, 128, 129, 130, 140-149, 155-159, 162-164, 172-174, 177-179, 180-182, 189 and 190-193 are rejected under 35 U.S.C. 102 (b) as being unpatentable over Bocinsky (U.S. Pat. No. 5,371,797) in view of Rosen (U.S. Pat. No. 6,047,887).

As per claims 1, 2, 4, 5, 8-15, 19, 20, 22, 23, 26, 27, 55, 56, 58, 59, 121, 122, 129, 130, 140- 144, 162, 163, 164, 189 and 190-193 Bocinsky substantially discloses

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a secure electronics funds or other financial transaction system that provides substantially equivalent security to that obtained by the use of secure point of sale terminals which is equivalent to Applicant's claimed invention wherein said: a method for securely transferring electronic funds, comprising;

a) assigning at least one security attribute to a digital rights management container containing a digital representation of money, wherein the at least one security attribute precludes unauthorized access to the container containing the digital representation of money, and wherein the at least one sender-defined security attribute is defined at the time of an electronic fund transfer (see., fig 2, elements 30 and 36, abstract, col 11, lines 3-34, col 12, lines 4-34, please note that Applicant's newly added limitation is disclosed in the abstract, specifically wherein it is stated that conducting a transaction, the customer provides the access code, which is unmasked and concatenated with second portion to recreate the original full encrypted PIN. This, together with the encryption key used for the original encryption is provided to conventional security and transaction processing apparatus for regional banking networks to seek authorization for the transaction, please note that the process of providing the access code, which is unmasked with second portion to recreate the original full encrypted PIN is readable a security attribute that is defined at the time of the fund transfer);

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b) transmitting the container containing a digital representation of money to a recipient (see., abstract, lines 6-26, col 6, lines 6-67). Please note that the security attribute is interpreted as the customer security identification such as PIN number that also includes encryption key, password and so, for monitoring or authorizing data passing from a conventional network or for protecting unauthorized access. It is to be noted that Bocinsky fails to explicitly disclose that the security of the electronic funds is without the use of a secure network. However, Rosen discloses a certification agency 28 for providing a process that certifies the validity of a money module for a certain period of time by issuing a certificate instead of a secure network (see., abstract, col 5, lines 12-22, col 14, lines 3-43, col 6, lines 31-54, col 7, lines 30-65). It would have been obvious to a person of ordinary skill in the art at the time the invention was made to modify the teaching of Bocinsky by including the limitation detailed above as taught by Rosen because this would determine the validity of an electronic fund transfer based on a user PIN or ID or password.

**As per claims 3, 21 and 57, Bocinsky discloses the claimed method, wherein the at least one security attribute is the requirement that a recipient of the container containing a digital representation of money enter password, social security number,**

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employee identification number or personal identification number (see., col 4, lines 36-59)

**As per claims 6, 24 and 60, Bocinsky** discloses the claimed method, wherein the at least one security attribute is the requirement that a recipient of the container containing digital representation of money prove they are the intended recipient through use of a random number generator card or smart card (see., col 5, lines 23-39).

**As per claims 7, 25 and 61, Bocinsky** discloses the claimed method, wherein the at least one security attribute is the requirement that a recipient of the container containing a digital representation of money prove they are the intended recipient through biometric scan comprised of a retina scan, fingerprint, voiceprint (see., col 18, lines 48-68).

Claims 73-81, 126, 145-149, 172, 173 and 174 are system claims that contain the same limitation as claims 1-18, and claim 73, therefore are rejected by the same rationale.

Claim 100-108, 128, 155-159, 177, 178 and 179 are system claims that contain the same limitation as claims 1-18, therefore are rejected by the same rationale.

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Claims 109-112, 180, 181 and 182, contains the same limitation as claim 1, therefore are rejected by the same rationale.

***Claim Rejections - 35 USC § 103***

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 62- 72, 113-120, 125, 170, 171 and 183-187 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bocinsky, Jr. (U.S. Pat. No. 5,371,797) and Rosen.

**As per claims 62-72, 113-120, 125, 170, 171, 183, 184, 185, 186 and 187**  
**Bocinsky** and **Rosen** substantially disclose the claimed limitations as stated above in claims 1 and 13, but he fails to specifically disclose the step of confirming the transfer upon receiving an electronic mail message. However, Examiner hereby takes Official Notice that electronic mail is notoriously well-known in the art. Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made

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to modify the teachings of Bocinsky and Rosen by including an electronic mail upon receiving the money transfer because electronic mail is an object of the internet.

*Claim Rejections - 35 USC § 103*

7. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

8. Claims 16-18, 28-54, 82-99, 123, 124, 127, 131-139, 150-154, 160, 161, 165-169, 175 and 176 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bocinsky, Jr. (U.S. Pat. No. 5,371,797) and Rosen .



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As per claims 16-18, 28-54, 82-99, 123, 124, 127, 131-139, 150-154, 160, 161, 165-169, 175 and 176, Bocinsky and Rosen substantially disclose the claimed limitations as stated above in claims 1 and 13, but he fails to specifically disclose the step of confirming the transfer upon receiving an electronic mail message. However, Examiner hereby takes Official Notice that electronic mail is notoriously well-known in the art. Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to modify the teachings of Bocinsky and Rosen by including an electronic mail upon receiving the money transfer because electronic mail is an object of the internet.

### ***Conclusion***

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Pierre E. Elisca whose telephone number is 703 305-3987. The examiner can normally be reached on 6:30 to 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Trammell can be reached on 703 305-9769. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Pierre Eddy Elisca

Primary Patent Examiner

May 19, 2004